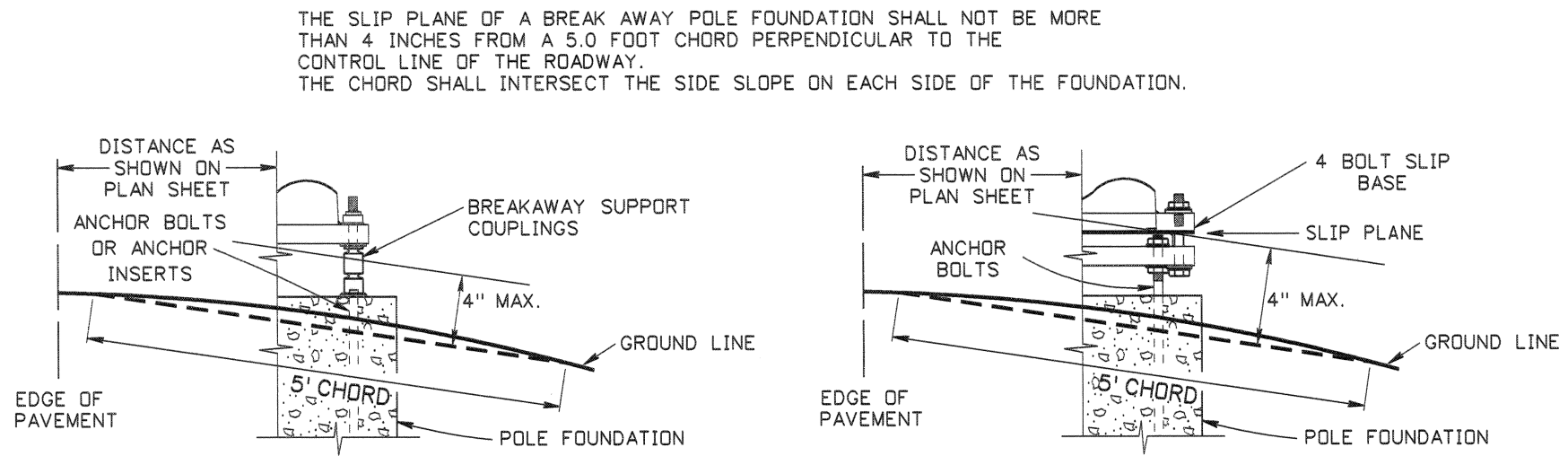
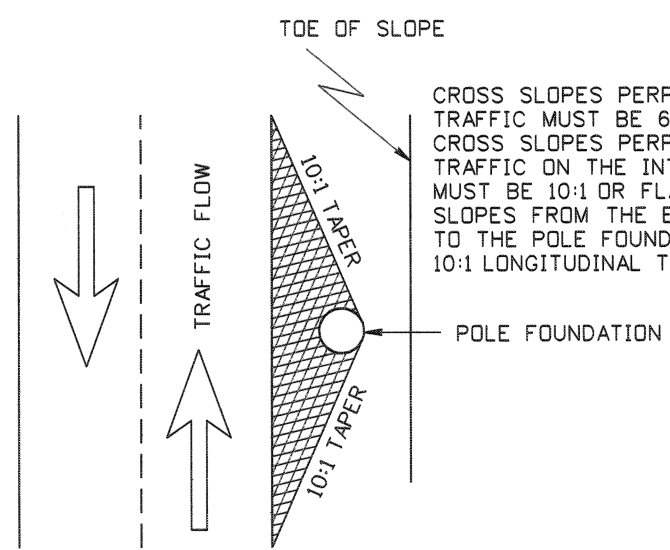


TYPICAL POLE FOUNDATION  
SECTION AA

THE LOWER 3/5 OF THE FOUNDATION TO BE PLACED AGAINST UNDISTURBED SOIL UNLESS OTHERWISE APPROVED BY THE ENGINEER. THE UPPER 2/5 OF THE FOUNDATION MAY BE FORMED AS NEEDED.



BREAKAWAY SUPPORT CLEARANCE DIAGRAMS



FOUNDATION GRADING / SLOPE TREATMENT

POLE FOUNDATION SCHEDULE											
POLE TYPE	MT. HT.	MASTARM LENGTH	FOUNDATION TYPE	X	Y	HOOPS			VERTICAL RODS		
						NO.	SIZE	LIN. FT.	NO.	SIZE	LIN. FT.
PEDESTRIAN SIGNAL POLE	-	-	A	2'-0"	5'-0"	4	#4	20'-10"	6	#4	25'-6"
LIGHT POLE	30'	ALL	A	2'-0"	5'-0"	4	#4	20'-10"	6	#4	25'-6"
LIGHT POLE	35'	ALL	B	2'-6"	7'-0"	4	#4	27'-2"	6	#6	37'-6"
LIGHT POLE	40'-50'	ALL	C	3'-0"	8'-0"	5	#4	41'-10"	8	#6	58'-0"
SIGNAL POLE		20' - 45'	D	3'-0"	9'-0"	5	#4	41'-10"	8	#6	66'-0"
PEDESTRIAN PUSHBUTTON POLE	4'-0"	-	E	1'-6"	2'-6"	-	-	-	-	-	-
DUAL MASTARM SIGNAL POLE	-	ALL	F	3'-0"	12'-0"	8	#5	66'-10"	12	#6	135'-0"
SIGNAL POLE	-	50' - 55'	F	3'-0"	12'-0"	8	#5	66'-10"	12	#6	135'-0"

- NOTES:
1. THE FOUNDATIONS SHALL BE LOCATED AS INDICATED ON THE PROJECT PLAN SHEETS.
  2. FOUNDATION REBAR CAGES MAY BE WELDED IF THE REBAR CONFORMS TO ASTM A706/A706M AND ALL WELDING CONFORMS TO ANSI/AWS D1.4 (STRUCTURAL WELDING CODE - REINFORCING STEEL).
  3. REINFORCEMENT STEEL IN POLE FOUNDATIONS SHALL BE 60 KSI STEEL.
  4. STEEL TEMPLATE REQUIRED FOR ANCHOR BOLT PLACEMENT.
  5. SPARE STUBOUTS WHEN SHOWN ON PLAN SHEETS SHALL BE TERMINATED WITH A STEEL COUPLING AND FOAM PLUG AT BOTH ENDS.
  6. CLASS 40B CONCRETE SHALL BE USED IN POLE FOUNDATIONS.
  7. CONCRETE FOUNDATIONS SHALL ACHIEVE 100% STRENGTH AND CURE FOR A MINIMUM OF 7 DAYS BEFORE ANY LOADING IS APPLIED.
  8. FIBER JOINT MATERIAL WILL BE PLACED AROUND POLE FOUNDATION WHEN POLE FOUNDATION IS IN CONTACT WITH SIDEWALK.
  9. ELEVATION OF POLE FOUNDATION SHALL MATCH THE ADJACENT PAVEMENT EDGE OR SIDEWALK ELEVATION.
  10. ANCHOR BASE ASSEMBLIES SHALL HAVE DOUBLE NUTS AND BE INDIVIDUALLY TIGHTENED SNUG TIGHT AND AT LEAST THREE THREADS OF THE ANCHOR BOLT SHALL BE VISIBLE ABOVE THE SECOND NUT.

REVISIONS							
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE
1	08-96	HEB					
2	07-03	HEB					
3	05-05	HEB					

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME: I7c\_0505.std

DRAWING ORIG. DATE: DECEMBER, 1994

IDAHO  
TRANSPORTATION  
DEPARTMENT

BOISE IDAHO

*P. Q. Thomas*  
ASSISTANT CHIEF ENGINEER (DEVELOPMENT)

*Steven C. Hutchinson*  
CHIEF ENGINEER

STANDARD DRAWING

MASTARM SIGNAL POLE,  
LIGHTING POLE AND PEDESTRIAN  
POLE FOUNDATION DETAILS

English

STANDARD DRAWING NO.  
I-7-C

SHEET 1 OF 1

